

## DEFINITIONS

For purposes of this permit, the following definitions shall apply:

"Background" shall mean the naturally occurring level, plus two standard deviations from the mean, of constituents of an environmental medium not affected by facility operations or leakage from a regulated unit. The location of the sampling site shall be selected by the Permittee and approved by the Executive Secretary.

"Control Board" shall mean the Utah Solid and Hazardous Waste Control Board.

"Director" shall mean the Executive Director of the Utah Division of Solid and Hazardous Waste.

"Energetic" shall mean a substance, either a pure compound or a mixture of compounds, capable of undergoing a very rapid chemical change. Energetics include high explosives, low explosives (propellants and pyrotechnics), incendiaries, fuse powders and thermites.

"Explosive" shall mean a chemical compound or mixture which, when subjected to heat, impact, friction, shock or other suitable stimulus, undergoes a very rapid chemical reaction with the evolution of large volumes of heated gases that exert high pressures in the surrounding medium.

"Facility" shall mean all contiguous land, and structures, and other appurtenances, and improvements on the land at the Tooele Army Depot, Tooele County, Utah.

"Hazardous Waste Management Unit (HWMU)" shall mean a contiguous area of land on or in which hazardous waste is placed, or the largest area in which there is a significant likelihood of mixing hazardous waste constituents in the same area.

"High Explosive" shall mean an energetic material in which the decomposition process (detonation) proceeds through the entire material at supersonic speed; a shock wave is produced.

"Low Explosive" shall mean an energetic material in which the decomposition process (deflagration) occurs at subsonic speeds. The decomposition process occurs on the surface of the explosive only; there is no shock wave.

"Open Burn" shall mean the high temperature oxidation of fuel with the release of heat and combustion products.

"Open Detonation" shall mean a chemical reaction of explosive material in conjunction with a shock wave.

"Operating Day" shall mean any fraction of a calendar day when operating any unit under this permit.

"RCRA" shall mean the Resource Conservation and Recovery Act of 1976, as amended by The Solid and Hazardous Waste Amendments (HSWA) of 1984.

"Release" shall mean any spilling, leaking, pouring, emitting, emptying, discharging, infecting, pumping, escaping, leaching, dumping, or disposing of hazardous wastes (including hazardous constituents) into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles containing hazardous wastes or hazardous waste constituents).

"Significance Level" shall mean the observed level of contamination that has been determined to be allowed to remain at the point of any contamination for a pre-approved time period. While the concentration of a significance level is above background concentrations, the observed level must be below applicable maximum contaminant limits established under the federal Safe Drinking Water Act, water classification standards, or below applicable air quality standards.

"Spill" shall mean the accidental discharging, spilling, leaking, pumping, pouring, emitting, emptying, or dumping of hazardous wastes or materials which, when spilled, become hazardous wastes, into or on any land or water.

"Waste Munitions" shall mean all types of conventional ammunition products and their components, produced by or for the Department of Defense (DOD) for national defense and security. This includes munitions produced by other parties under contract to or acting as an agent for DOD

All definitions contained in UAC R315-1, 2, 3, 8, 9 and 13, are hereby incorporated, in their entirety, by reference into this permit, except that any of the definitions used in this permit shall supersede any definition of the same term given in R315. Where terms are not defined in the regulations or this permit, the meaning associated with such terms shall be defined by a standard dictionary reference or the generally accepted scientific or industrial meaning of the term.

## ACRONYM LISTING

AA	Atomic Adsorption
ACFM.....	Actual Cubic Feet Per Minute
AMC	Army Material Command
AR	As Required
ASC	Allowable Stack Concentration
ASTM	American Society for Testing Materials
°C	Degree Centigrade (Celsius)
CAR	Corrective Action Report
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
CO <sub>2</sub>	Carbon Dioxide
CQA	Central Quality Assurance
Cr	Chromium
CSF	Container Storage Facility
CV	Coefficient of Variation
CWA	Clean Water Act
DCD	Deseret Chemical Depot
DDESB.....	Department of Defense Explosives Safety Board
DERA	Defense Environmental Restoration Account
DOD	Department of Defense
DOT	Department of Transportation
DRE	Destruction and Removal Efficiency
DRMO.....	Defense Reutilization and Marketing Office
DSCFM.....	Dry Standard Cubic Foot Per Minute
DWS	Drinking Water Standard
EMD	Environment Office
EMT	Emergency Medical Technician
EOC	Emergency Operations Center
EPA	Environmental Protection Agency
°F	Degree Fahrenheit
FD	Fire Department
FID	Flame-ionization Detector
FPD	Flame-photometric Detector
GAL	Gallon
GC	Gas Chromatograph
GC/MS.....	Gas Chromatograph/Mass Spectrometry
GPL	General Population Limit

GPM ..... Gallon Per Minute  
 GOGO ..... Government Owned Government Operated  
 HAZ ..... Hazardous  
 HCl ..... Hydrogen Chloride  
 HEPA ..... High Efficiency Particulate Air Filter  
 HMIS ..... Hazardous Materials Information System  
 HVAC ..... Heating Ventilation and Air Conditioning  
 HW ..... Hazardous Waste  
 HWCP ..... Hazardous Waste Contingency Plan  
 HWMP ..... Hazardous Waste Management Program  
 HWMU ..... Hazardous Waste Management Unit  
 ICS ..... Incident Command System  
 ID ..... Identification  
 IOSC ..... Installation On Scene Coordinator  
 IRT ..... Installation Response Team  
 ISCP ..... Installation Spill Contingency Plan  
 LVS ..... Low Volume Sample  
 MM5 ..... EPA Modified Method Five  
 MSDS ..... Material Safety Data Sheet  
 N/A ..... Not Applicable  
 NAAQS ..... National Ambient Air Quality Standards  
 NFPA ..... National Fire Protection Association  
 NHMC ..... Non-methane Hydrocarbons  
 NIOSH ..... National Institute for Occupational Safety and Health  
 NIST ..... National Institute of Standards and Technology  
 NSN ..... National Stock Number  
 NSPS ..... New Source Performance Standards  
 OB/OD ..... Open Burn/Open Detonation  
 OJT ..... On the Job Training  
 OSC ..... On Scene Commander  
 OSHA ..... Occupational Safety and Health Administration  
 P&A ..... Precision and Accuracy (study)  
 PAO ..... Public Affairs Office  
 PAS ..... Pollution Abatement System  
 PCB ..... Polychlorinated Biphenyl  
 PEP ..... Propellant, Explosive and Pyrotechnics  
 PLC ..... Programmable Logic Controller  
  
 POHC ..... Principal Organic Hazardous Constituent  
 POL ..... Petroleum Oil and Lubricants  
 PPE ..... Personal Protective Equipment

PPB	.....	Parts Per Billion
PPM	.....	Parts Per Million
QA	.....	Quality Assurance
QC	.....	Quality Control
QL	.....	QC Sample Prepared in the Laboratory
QP	.....	QC Sample Prepared in the Plant
R315	.....	Utah Administrative Code (Hazardous Waste)
RCRA	.....	Resource Conservation and Recovery Act
RD&D	.....	Research, Development, & Demonstration
RDTE	.....	Research, Development, Testing, and Evaluation
RQ	.....	Reportable Quantity
RRT	.....	Regional Response Team
SCFM	.....	Standard Cubic Foot Per Minute
SOP	.....	Standard Operating Procedure
SPCCP	.....	Spill Prevention Control and Countermeasures Plan
SAA	.....	Satellite Accumulation Area
SSA	.....	Stack Sampling Apparatus
STEM	.....	Sampling Train for Explosive Materials
TCLP	.....	Toxicity Characteristic Leaching Procedure
TEAD	.....	Tooele Army Depot
TSDF	.....	Treatment, Storage, and Disposal Facility
TWA	.....	Time-weighted Average
UDSHW	.....	Utah Division of Solid and Hazardous Waste
VOST	.....	Volatile Organic Sampling Train
WC	.....	Water Column